

JAN 15 1982

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME 3M COMPANY		EMERGENCY TELEPHONE NO. (612) 733-2328
ADDRESS (Number, Street, City, State, and ZIP Code) 3M CENTER, ST. PAUL, MINNESOTA 55101		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS SCOTCHCLAD Brand Fuel	
CHEMICAL FAMILY	FORMULA Resistant Coating 776SR	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Methyl isobutyl ketone (MIBK)				approx. 80	100ppm

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	MIBK	2.37	SPECIFIC GRAVITY (H ₂ O=1)	0.88
VAPOR PRESSURE (mm Hg.)	20°C	16	PERCENT, VOLATILE BY VOLUME (%)	about 80
VAPOR DENSITY (AIR=1)	MIBK	3.45	EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	About			
APPEARANCE AND ODOR Low viscosity red liquid with strong odor of MIBK.				

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) MEK 64°F TOC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA CO₂, foam, dry chemicals			
SPECIAL FIRE FIGHTING PROCEDURES None			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II.

EFFECTS OF OVEREXPOSURE

May irritate and/or defat skin. May irritate eyes. Inhalation of concentrated vapors may cause narcosis.

EMERGENCY AND FIRST AID PROCEDURES

Eye Contact - flush eyes with plenty of water. Seek medical advice.

Skin contact - wash with soap and water.

Inhalation - provide fresh air.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS ,
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Collect spilled material. Clean up residue.

WASTE DISPOSAL METHOD

Incinerate properly. Do not landfill.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

X

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

X

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from all sources of ignition. Avoid eye contact. Use only in areas adequately ventilated to maintain vapor levels below thres-

OTHER PRECAUTIONS

hold limit of solvents. Avoid prolonged breathing of vapors and prolonged or repeated skin contact.